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SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT NO. [REDACTED]

25X1A

CD NO.

COUNTRY USSR(Ukrainian SSR)

DATE DISTR. 8 February 1952

25X1 SUBJECT Kuibyshev Metallurgical Plant at Kramatorsk

NO. OF PAGES 2

NO. OF ENCLS. 1
(LISTED BELOW)

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SUPPLEMENT TO
REPORT NO. [REDACTED]

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RCULATE

1. The Kuibyshev Metallurgical Plant in Kramatorsk (37°32'E/48°43'N), Ukrainian SSR, had three blast furnaces. The southern blast furnace was destroyed beyond repair during the war. Parts of this furnace were dismantled and installed in the other furnaces. The very old 20-meter high blast furnace in the middle resumed operation in 1945. The charge for this furnace was transported by wheel barrows. The northern blast furnace (same size) which was being reconstructed by German engineers was equipped with modern charging lifts. Reconstruction was scheduled to be completed by early 1950. *
2. The open-hearth plant had four or five open-hearth furnaces of an unknown capacity. Every eight hours 60-ton bucket cars loaded with pig iron arrived from the blast furnace. **
3. The rolling mill, 150 x 60 x 18 meters, had three or four mill trains and produced angle iron and iron rods, two centimeters in diameter. Details were not known.
4. The power plant was equipped with one coal-burning steam boiler, two meters in diameter, eight to ten meters long. The coal was crushed in four horizontal iron drums, two meters in diameter, four to five meters long.
5. Some of the newly constructed buildings were almost completed, some were without roof and others were still unequipped. ***

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- * [REDACTED] Comment. [REDACTED] [REDACTED]. It cannot be determined whether the northern or the southern blast furnace is the old and unserviceable one. All sources have agreed that the middle blast furnace was in operation.
- ** [REDACTED] Comment. The number of open-hearth furnaces reported has varied between four and five. The furnace capacity has been previously reported.
- *** [REDACTED] Comment. For layout sketch of this plant, see annex. This is the most detailed reproduction received of the plant layout. The location of the main departments, i. e., blast furnaces, open-hearth plant, rolling mill, coking plant, and of several minor sections, agrees with previous reports. The detailed sketch is believed to be approximately correct. The river

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dividing the plant area has been previously identified as the Toretz River.

1 Annex: 1 blueprint.

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Legend.

1. Switch house.
2. Stone building, 20 meters long.
3. Cooling tower, 15 meters high.
4. Coaling station for plant locomotives.
5. Stone storage building, 30 x 10 meters, for tools and instruments.
6. Carpenter shop, stone building, 30 x 10 meters.
7. Administration, three-story brick building, 50 x 15 meters.
8. Club house, multi-story brick building, 35 x 15 meters.
9. Brick building, 40 x 15 meters, with a coal dump in front, presumably a boiler house. Source did not remember whether there was a smokestack.
10. Foundry, brick building, 40 x 15 meters, with two casting furnaces used for plant requirements.
11. Multi-story plant building, 30 x 10 meters, details not known.
12. Brick building, 20 x 10 meters, housing kitchen, canteen, and tool shop.
13. Brick building, 30 x 10 meters, housing guard room and kitchen.
14. Three iron cylinders, 8 to 10 meters in diameter, 12 meters high, similar to air heaters, but without cupolas. The tops of all three cylinders are faired into one smokestack. The use of these cylinders was not known.
15. Two-story plant building, 50 x 15 meters, with very high windows. Details were not known.
16. Storage bunker under construction for coal or ore. A railroad track entering from the south and the chutes were also still under construction.
17. Area covered with iron plates to facilitate transporting ore by wheel barrows.
18. Hoist for the middle blast furnace.
19. Blast furnace, presumably not to be reconstructed.
20. Very old blast furnace, 20 meters high, 10 meters in diameter, in operation.
21. Modern blast furnace, same size as No 20, to be completed by early 1950.
22. Coke dump.
23. Ore dump.
24. Hot blast stoves, 15 meters high, in operation.
25. Hot blast stoves being reconstructed.

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26. Transformer station, 50 x 8 x 12 meters.
27. Multi-story brick building, 15 meters square, with high smokestack, presumably a boiler house.
28. Water basin, 150 x 100 meters, used to cool the slag.
29. Travelling crane with cable car used to dump the slag.
30. Brick building, 40 meters long, presumably cement warehouse.
31. Cement factory, multi-story brick building.
32. Dan.
33. Saw mill, 100 x 200 meters with several small cantonment buildings, used for plant requirements.
34. Gasoline storage depot with four iron tanks and railroad tank cars. Exact contents of this depot were not known.
35. Coal dump.
36. Stables.
37. Scrap dump.
38. Tall building, 80 x 40 meters, under construction. Presumably a new foundry. Work was being done on the roof during September 1949.
39. Kitchen for transport workers and PWs.
40. Slag dump.
41. Crane with iron frame and a crushing ball used to crush the slag from the open-hearth plant.
42. Garages, 35 x 10 meters, accommodating 8 to 10 four-ton trucks.
43. Coking plant, 60 x 15 meters, with 50 coking chambers, each 1 meter wide and 4 or 5 meters high. The northern section was about 20 meters higher than the rest of the building. A conveyor belt, 2 meters wide, entered the building from the north.
44. Administrative offices, kitchen, and warehouse. These were three-story stone buildings.
45. Several stone buildings, 15 to 20 meters long, used for tool storage.
46. Three-story stone building housing mess for employees of the rolling mill and open-hearth plant.
47. Rolling mill, 150 x 60 x 18 meters, with three or four unknown milling machines, a traveling crane and several railroad connections.
48. Crane installation on iron scaffold above three railroad tracks, used to load rolling mill products, angle iron and iron rods.

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49. Storage space for molds.
50. Compressor station, 15 x 10 x 15 meters, with a large pressure boiler on the southern side of the building.
51. Traveling crane extending from the open-hearth plant to the rolling mill.
52. Repair shop for railroad cars, 80 x 20 x 15 meters, equipped with six or seven axle lathes.
53. Skeleton of a new multi-story building, 20 to 25 meters long, not equipped as of September 1949.
54. Water tower, ferro-concrete structure, 20 to 25 meters high.
55. Switch house.
56. Four-story workshop, 60 x 20 meters, the skeleton of which was completed and work was being done on the roof. The use of this building was not known.
57. Damaged building with several undestroyed rooms, used for the production of slag stones.
58. First-aid station, 15 x 8 meters.
59. Stone building, 12 x 9 meters, housing employment office and waiting room for laborers.
60. Plant locomotive repair shop, 30 x 20 meters.
61. Open-hearth plant, 150 x 50 x 15 meters, equipped with four or five open-hearth furnaces connected to the gas plant by pipes. There were loading cranes inside and outside the building.
62. Gas plant, 10 x 15 meters, the coal was charged through a funnel in the roof.
63. Tool shed.
64. Lime roasting plant, 20 x 15 x 15 meters, constructed in 1949.
65. Pre-war gas plant.
66. Brick shed, 30 x 15 meters.
67. Switch house.
68. Oil mill, 35 meters, long, 20 meters high.
69. Coal dump.
70. Power plant, multi-story brick building, 50 x 20 meters, equipped with a conveyor.
71. Pump station.
72. Cooling tower.

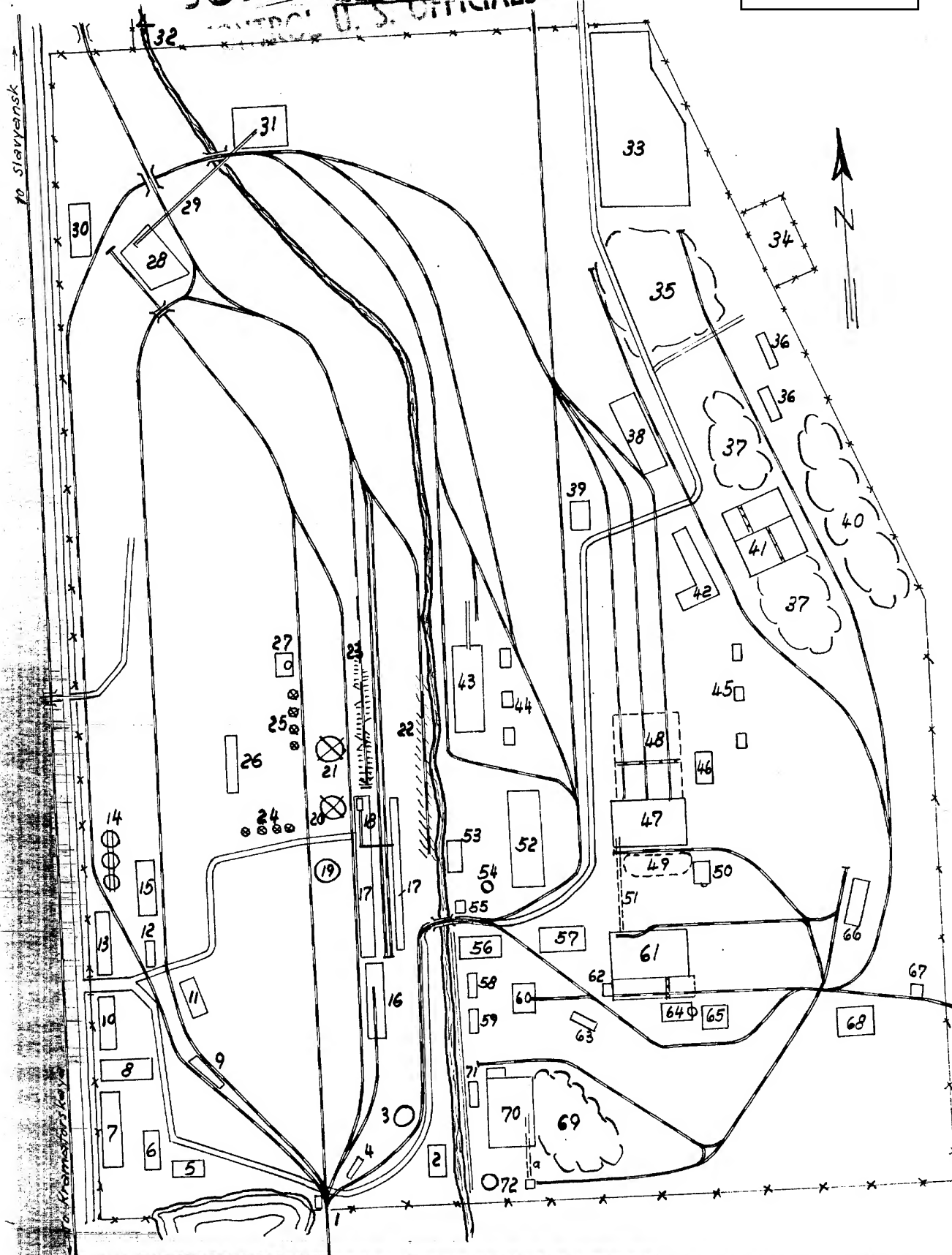
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Kulbyshev Metallurgical Plant in
Kramatorsk

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Legend: See report

not to scale

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